

SEAEYE TIGER

1000 TMS

OBSERVATION CLASS ROV

Seaeeye's Tiger Observation Class ROV has been a mainstay of the observation and inspection market since its launch due to its power, manoeuvrability and ability to carry a range of inspection and test systems, with a payload of up to 32kg.

Sharing many of its parts and systems with other Seaeeye ROV, the Tiger is a reliable and proven system offering a cost effective solution in the Offshore Energy and Oil & Gas markets.

Oceana Subsea's systems can be configured with optional skids, subject to project requirements, including:

- A manipulator skid, providing a simple and robust solution to operating inspection sensors, including CP probes, UT (Ultrasonic Thickness) Gauges, FMD (Flooded Member Detection) and other tools designed for subsea NDT.
- A Cutting Tool Skid, capable of cutting cables up to 25mm
- Water Jet Skids, configurable for the number of jets, pressure and nozzle types
- Brush Cleaning Skid, designed to remove marine growth

Available with tooling options for a wide range of offshore tasks, Oceana Subsea's ROV systems deliver reliable, cost effective and flexible services in support of:

- Platform Inspection
- WTG / OSS Inspection & Maintenance
- Pipeline & Cable Lay Clearance Inspection
- Hull Inspection
- Anchor Chain Inspection
- UXO Target ID
- Calm Buoy, Riser & flowline inspection
- Cable Survey



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Vehicle Power	62 kgf Forward Thrust 43 kgf Lateral Thrust 22 kgf Vertical Thrust Additional Hydraulic Power pack for Tooling Skids
Depth Rating	1000m
Payload	32kg
Weight in Air	150kg
Dimensions	1.03m(L) x 0.7m(W) x 0.57m(H)
Thruster	4 x Brushless DC Vectored
Configuration	1 x Brushless DC Vertical
Forward Speed	up to 3 Knots
Lateral Speed	up to 2 Knots
Vehicle Control	Auto Heading
Modes	Auto Depth
Manipulators	Single Function or 4 Function options
Video Tx	Fibre Optic through main lift umbilical
Deployment	Vehicle Lift mechanism designed to operate either as: A-Frame launched Garage TMS Crane Launched Free-Swimming
TMS	Garage Design
Tether length	200m
Dimensions	1.7m(L)x1.4m(W)x1.88m(H) Adjustable Height for skids
Weight	1T Incl ROV & Tether

DEPLOYMENT, CONTROL & MAINTENANCE

Control Cabin	A60 Control Cabin DNV Compliant Std 20" Container
System Power	32A, 3-Phase Supply 380-480 VAC 50/60 Hz
Dimensions	6.00m(L) x 2.50m(W) x 2.90m(H)
Weight	8.5T
Launch & Recovery System	Gravity Based A-Frame as standard
Dimensions (stowed)	4.7m(L) x 2.8m(W) x 3.2m(H)
Weight (with ROV & TMS)	10T
Outreach	2.8m (clears 2m rail)
Winch Dimensions	Hydraulic Integrated on A-Frame LARS
Max Umbilical Length	1100m
Umbilical Type	Galvanised Steel wire contra-wound Double Armoured Cable.
Breaking Strain	240kN
Stores Cabin	DNV Compliant Std Offshore Container
Power Required	220V AC, 60Hz Domestic Supply
Dimensions	1.7m(L)x1.40m(W)x1.9m(H)
Weight	3.5T

Tooling & Sensor specifications are available on request from info@oceanasubsea.com